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UVD1000

ultraviolet water disinfection system

KEY FEATURES

- Easy-service lamp connector simplifies maintenance - no tools required.
- Microprocessor controlled power source includes audible and visible lamp failure alarms, lamp life remaining feature, and annual lamp change timer.
- UV lamps are USA manufactured with a long-life coating; rated for 9,000hrs.
- Disinfection chambers are welded in Canada using 304 stainless steel.
- Power sources and chambers are designed and manufactured in Canada.
- Solenoid valve compatibility for automatic shut-off during alarm conditions.
- Optional model available: UVD1000/S with UV intensity monitor (Calibrated at 40 mJ/cm²) .

OVERVIEW

The UVD1000 is suitable for higher-flow, whole-house point-of-entry applications in larger modern homes, as well as light commercial or small industrial settings. The 30mJ/cm² dose of the *UVD1000* at 33gpm is ideal for general disinfection.

The *UVD1000* system was designed using sophisticated computer modeling software, and then verified by independent third-party testing using accepted biodosimetry methods by GAP EnviroMicrobial Services.

PRODUCT SPECIFICATIONS

Flow Rate - 16mJ/cm²:	62gpm (235L) (14.1m³/hr)
- 30mJ/cm²:	33gpm (125L) (7.5m³/hr)
- 40mJ/cm²:	25gpm (94L) (5.7m³/hr)
Shipping Weight:	16lbs
Chamber Dimensions:	37” (94cm) x 4” (10cm)

* 16mJ/cm² dose is suitable for reducing non-pathogenic nuisance organisms only.
Disinfection chamber hydraulic performance may limit maximum flow rate.
Specified flow rates assume input water with 95% UVT
† Chamber dimensions do not include side ports or maintenance headroom. For dimensional drawings, please contact the factory.

Inlet/Outlet Port Size:	1”MNPT
Max Operating Pressure:	100psi (6.9bar)
Water Temperature:	4 - 37°C (40-99°F)
Power Consumption:	96 watts
AC Supply Voltage:	120V or 240V (47-63Hz)

THE WARRANTY

UVDynamics water disinfection systems are supported with a ‘free from defects’ Workmanship and Material warranty:

- Ten year prorated warranty on the stainless steel disinfection chamber
- Three year warranty on the UV power source
- One year warranty on UV lamps, sleeves, sensor, and solenoid conditions apply, contact manufacturer for details

IAPMO R&T WATER QUALITY PLATINUM SEAL IAPMO RESEARCH AND TESTING®

Systems* tested and certified by IAPMO against:
NSF/ANSI 61 (materials safety only)
NSF/ANSI 372 (lead free compliance)
CSA-B483.1

*visit iapmo.org for model information

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